

## **DEPARTMENT OF THE ARMY**

BALTIMORE DISTRICT, U.S. ARMY CORPS OF ENGINEERS
P.O. BOX 1715
BALTIMORE, MD 21203-1715
JUN 2 7 2008

Moffatt & Nichol Baltimore, MD

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REPLY TO ATTENTION OF Operations Division

Diamond Teague Park
Office of the Deputy Mayor for Planning and Economic Development
c/o Moffatt & Nichol
2700 Lighthouse Point East, Suite 501
Baltimore, Maryland 21224

## Gentlemen:

This is in reference to your application for a Department of the Army (DA) permit, NAB-2007-02478-M05 (Diamond Teague Park) submitted on June 15, 2007 (application unsigned) and resubmitted with the appropriate signature on June 5, 2008. Upon the recommendation of the Chief of Engineers and under the provisions of Section 10 of the Rivers and Harbors Act of March 1899, you are hereby authorized by the Secretary of the Army to perform work in the Anacostia River at 1st Street and Potomac Avenue, SE, in the District of Columbia. All work is to be accomplished in accordance with the enclosed plan(s).

The description of work, as authorized by the Corps, follows:

(Pier A) To remove portions of the existing deteriorating 12-foot by 30-foot and 19-foot by 26-foot fixed piers and an 8-foot by 110-foot floating pier and finger pier system adjacent to the existing Old National Pump House building; to construct a 13-foot, 10-inch by 148-foot reticular metal deck fixed pedestrian access walkway adjacent to the 20-foot by 161-foot dedicated fire access concrete walkway to a fixed 62-foot by 118-foot, 6 inch concrete deck around the existing 42-foot by 64foot Old National Pump House building, creating a 4,628 square foot deck that extends 10 feet to the sides of the building; to construct two 8-foot by 161-foot gangway ramps adjacent to the proposed deck; to construct a 6-foot by 126-foot floating pier with three 4-foot by 30-foot finger piers and a 6-foot by 76-foot floating pier with three 4-foot by 30-foot finger piers and a 15-foot by 50-foot deck adjacent to each of the proposed gangways; and to construct a 20-foot by 250-foot "T" head floating parallel pier to extend no more than 240 feet channelward of the existing concrete bulkhead shoreline; (Pier B) to construct a boardwalk on uplands, at the edge of the bank, above mean high water elevation; to construct three 4-foot by 110, 120 and 100-foot gangways from the boardwalk to a 20-foot by 200-foot "T" head floating parallel pier to extend no more than 115 feet channelward of the approximate mean high water shoreline; (Pier C) to construct a 20-foot by 35foot fixed fishing pier with a concrete deck to extend no more than 35 feet channelward of the approximate mean high water shoreline; to plant 380 linear feet of wetland vegetation in the existing river bottom substrate between the approximate mean high and mean low water shorelines; and to install eleven oval/discoid shaped floating wetland island structures ranging from 150 to 400 square feet, totaling approximately 2,700 square feet in water depths less than -7.0 feet mean low water to extend no more than 90 feet channelward of the approximate mean high water shoreline.

In addition to the enclosed list of conditions, you must also comply with the following special conditions:

- 1. Within 15 days of completion of construction, the permittee shall provide the as-built latitude and longitude coordinates of the channelward end of pier facilities.
- 2. The permittee shall be responsible for immediately removing any and all debris introduced into the waterway as a result of any construction and/or demolition activities and should ensure that all demolition debris is disposed of properly.
- 3. All contractors using floating equipment to perform the authorized construction and/or demolition shall be equipped with bridge to bridge radio telephone equipment so they may communicate with passing vessels. The radio telephone equipment shall operate on a single channel very high frequency (VHF), FM, on a frequency of 156.65 MHZ per second, with low power output having a communication range of approximately ten (10) miles.
- 4. The permittee acknowledges the possibility that the structures permitted herein may be subject to damage by wave wash from passing vessels and/or ice flows within the waterway. The issuance of this permit does not relieve the permittee from taking all proper steps to insure the integrity of the structures permitted herein and the safety of vessels moored thereto from damage by wave wash and/or ice flows, and the permittee shall not hold the United States liable for any such damage.
- 5. A minimum of 21days prior to commencing work, the permittee or the permittee's contractor shall request, in writing to the U.S. Coast Guard that a Local Notice to Mariners be issued regarding the authorized work. The written request shall include the location of work, description of activities, the type of construction equipment to be used and the expected duration of the work on the waterway. The written request should be addressed to the following:

Commander (AOWA)
U.S. Coast Guard, Atlantic Area
Federal Building
431 Crawford Street
Portsmouth, Virginia 23704-5004

Fax Number: (757) 391-8100

6. The same information should also be furnished the National Ocean Survey at the following address so the information is charted on the appropriate nautical chart:

NOAA, National Ocean Survey Marine Chart Division Source Data Section (N/CS261) Station 7317 1315 East-West Highway Silver Spring, Maryland 20910-3282

ATTN: Ms. Lynn Preston

Telephone Number: (301) 713-2737 Fax Number: (301) 713-4516

Please note that on March 28, 2000, the final rule was established for an administrative appeal process for the Regulatory Program of the Corps of Engineers for approved jurisdictional determinations (JD), permit denials, and declined individual permits. Enclosed is a dated Notification of Applicant Options (NAO) fact sheet that explains the options that are available to you for your consideration when signing this permit.

You may accept this initial proffered letter of permission and your work is authorized. Your acceptance of this letter of permission means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

If you object to this letter of permission because of certain terms and conditions therein, including the approved JD associated with this permit, a letter outlining your objections to this initial proffered permit, including any additional information to clarify your objections, must be received by our District Engineer at the address below by AUG 2 7 200 br you will forfeit your right to appeal the permit in the future. The letter must be mailed to the following address:

Commander, Baltimore District U.S. Army Corps of Engineers Attn: CENAB-OP-R P.O. Box 1715 Baltimore, Maryland 21203-1715

Please note that if you decline this initial proffered individual permit, you do not have a valid permit to conduct regulated activities in waters of the United States, and must not begin construction of the work requiring a Corps permit unless and until you receive and accept a valid Corps permit.

Enclosed is your NOTICE OF AUTHORIZATION, ENG FORM 4336, which must be conspicuously displayed at the site of the work. You are reminded that Corps' authorization does not obviate the need to obtain other required Federal, State, and or local permits and you should comply with the appropriate local critical area regulations prior to initiating the work.

A copy of this letter is also being forwarded to the District of Columbia Department of the Environment for informational purposes.

This letter also contains an approved jurisdictional determination. Those areas indicated as waters of the United States, including jurisdictional wetlands shown within the "Area of Review" on the enclosed revised drawings dated February 6, 2008, are regulated by this office pursuant to Section 10 of the River and Harbor Act of 1899. Enclosed is an Approved Jurisdictional

Determination form that outlines the basis of our determination of jurisdiction over the "Area of Review" noted above. If you object to this determination, you may request an administrative appeal under Corps regulations at 33 CFR 331. If you request to appeal this determination, you must submit a completed RFA form to the North Atlantic Division Office at the following address:

> Regulatory Appeals Review Officer North Atlantic Division U.S. Army Corps of Engineers Fort Hamilton Military Community General Lee Avenue, Building 301 Brooklyn, NY 11252-6700

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete; that it meets the criteria for appeal under 33 CFR part 331.5, and that it has been received by the Division Office within 60 days of the date of the NAP. Should you decide to submit an RFA form, it must be received at the above address by ALIG 2 7 2008.

It is not necessary to submit an RFA form to the Division office if you do not object to the determination in this letter.

This approved jurisdictional determination associated with this permit is valid for five years from the date of this letter or until the Corps permit expiration date, whichever is less, unless new information warrants a revision before the expiration date, or a District Engineer has identified, after public notice and comment, that specific geographic areas with rapidly changing environmental conditions merit re-verification on a more frequent basis.

Enclosed is a compliance self-certification form. Upon completion of the authorized work and required mitigation, you are required to complete the enclosed compliance certification form and return it to the address indicated thereon.

If you have any questions concerning this letter, please call Mrs. Kathy Anderson, of this office, at (410) 962-5690.

Sincerely,

FOK Margaret E. Gaffney-Smith Chief, Regulatory Branch

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Enclosure



# This notice of authorization must be conspicuously displayed at the site of work.

United States Army Corps of Engineers Baltimore District

A permit to construct three pier facilities, plant wetland vegetation, and install floating wetland island structures.

in the Anacostia River at 1st Street & Potomac Avenue, SE, Washington,

has been issued to Diamond Teague Park/Ofc of On the Deputy Mayor for Planning & Economic Development

Address of Permittee 1100 New Jersey Ave., SE, Suite 700, Washington,

Permit Number

CENAB-OP-RMS(DIAMOND TEAGUE PARK 2007-02478-M05

MARGARET E. GAFFNEY-SMITH

For Chief, Regulatory Branch

for the District Commander

ENG FORM 4336 , Jul 81 (33 CFR 320-330) EDITION OF JUL 70 MAY BE USED

(Proponent: CECW-O)

## STANDARD CONDITIONS DEPARTMENT OF THE ARMY PERMITS

Application Name and Permit Number: NAB-2007-02478-M05 (Diamond Teague Park)

#### I. General Conditions:

- A. The time limit for completing the work authorized ends on December 31, 2013. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
- B. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
- C. If you discover any previously unknown historic or archaeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
- D. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
- E. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

## II. Special Conditions:

The permitee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

The U.S. Code of Federal Regulations, Title 33, Subpart 64 states that all structures erected in navigable waters require obstruction lights unless the applicant is advised to the contrary by the Coast Guard District Commander. If the structures authorized by this permit are to be built in navigable waters, then you must contact the Commander (OAN), Fifth Coast Guard District,

Federal Building, 431 Crawford Street, Portsmouth, Virginia, 23704, to ascertain the need for obstruction lights.

- (X) Your use of the permitted activity must not interfere with the public's right to free navigation on all navigable waters of the United States.
- () You must have a copy of this permit available on the vessel used for the authorized transportation and disposal of dredged material.
- () You must advise this office in writing, at least two weeks before you start maintenance dredging activities under the authority of this permit.
- () You must install and maintain, at your expense, any safety lights and signals prescribed by the United States Coast Guard (USCG), through regulations or otherwise, on your authorized facilities. The USCG may be reached at the following address and telephone number: Commander (AOWW), Coast Guard Atlantic Area, 431 Crawford Street, Portsmouth, Virginia 23704, (757)398-6360.
- () You must take the actions required to record this permit with the Registrar of Deeds or other appropriate official charged with the responsibility for maintaining records of titles to or interest in real property.

## III. Further Information:

- A. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:
- (X) Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).
- ( ) Section 404 of the Clean Water Act (33 U.S.C. 1344).
- ( ) Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

## B. Limits of this authorization.

- 1. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.
  - 2. This permit does not grant any property rights or exclusive privileges.
  - 3. This permit does not authorize any injury to the property or rights of others.
- 4. This permit does not authorize interference with any existing or proposed Federal projects.
- C. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

- 1. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
- 2. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
- 3. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
  - 4. Design or construction deficiencies associated with the permitted work.
- 5. Damage claims associated with any future modification, suspension, or revocation of this permit.
- D. Reliance on Applicant's Data. The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.
- E. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:
  - 1. You fail to comply with the terms and conditions of this permit.
- 2. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (see 4 above).
- 3. Significant new information surfaces which this office did not consider in reaching the original public interest decision.
- 4. Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.
- F. Extensions. General Condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.
- G. When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the

new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee write to the Regulatory Branch, U.S. Army Engineer District, P.O. Box 1715, Baltimore, Maryland 21203-1715.
•
When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

TRANSFERREE

DATE

## APPROVED JURISDICTIONAL DETERMINATION FORM U.S. Army Corps of Engineers

This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

. . . . . . . .

SEC	CTION I: BACKGROUND INFORMATION
A.	REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): JUN 2 7 2008
В.	DISTRICT OFFICE, FILE NAME, AND NUMBER: NAB-2007-02478-M05 (Diamond Teague Park)
C.	PROJECT LOCATION AND BACKGROUND INFORMATION:  State: District of Columbia County/parish/borough: City: Anacostia River  Center coordinates of site (lat/long in degree decimal format): Lat 38.293056° N, Long. 76.430556° W.  Name of nearest waterbody: Anacostia River  Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: Anacostia River is a TNW  Name of watershed or Hydrologic Unit Code (HUC):Potomac River/020700  Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.  Check if other sites (e.g., offsite mitigation sites, disposal sites, etc) are associated with this action and are recorded on a different JD form.
D.	REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):  Office (Desk) Determination. Date: 25 February 2008  Field Determination. Date(s) 24 January 2008
	CTION II: SUMMARY OF FINDINGS RHA SECTION 10 DETERMINATION OF JURISDICTION.
	re are "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review [Required] Waters subject to the ebb and flow of the tide.  Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce. Explain: The Patuxent River is navigable waterway with commercial and recreational boat use.
В.	CWA SECTION 404 DETERMINATION OF JURISDICTION.
The	re are "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area. [Required]
	<ol> <li>Waters of the U.S.</li> <li>a. Indicate presence of waters of U.S. in review area (check all that apply):</li> </ol>
	TNWs, including territorial seas  Wetlands adjacent to TNWs Relatively permanent waters¹ (RPWs) that flow directly or indirectly into TNWs Non-RPWs that flow directly or indirectly into TNWs Wetlands directly abutting RPWs that flow directly or indirectly into TNWs Wetlands adjacent to but not directly abutting RPWs that flow directly or indirectly into TNWs Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs Impoundments of jurisdictional waters
	Isolated (interstate or intrastate) waters, including isolated wetlands
acre	b. Identify (estimate) size of waters of the U.S. in the review area: The size of the project site area open waters is more than 20 es. The project impact area is indicated below.  Non-wetland waters: linear feet: width (ft) and/or 0.65 acres.  Wetlands: acres.
	c. Limits (boundaries) of jurisdiction based on: Approximate MHW shoreline/high tide line. Elevation of established OHWM (if known):
	2. Non-regulated waters/wetlands (check if applicable):  Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional Explain:
	SECTION III: CWA ANALYSIS

<sup>&</sup>lt;sup>1</sup> For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least "seasonally" (e.g., typically 3 months).

<sup>2</sup> Supporting documentation is presented in Section III.F.

#### A. TNWs AND WETLANDS ADJACENT TO TNWs

The agencies will assert jurisdiction over TNWs and wetlands adjacent to TNWs. If the aquatic resource is a TNW, complete Section III.A.1 and Section III.D.1. only; if the aquatic resource is a wetland adjacent to a TNW, complete Sections III.A.1 and 2 and Section III.D.1.; otherwise, see Section III.B below.

#### 1. TNW

Identify TNW: Anacostia River

Summarize rationale supporting determination: The Anacostia River is a tidal navigable waterway.

#### Wetland adjacent to TNW

Summarize rationale supporting conclusion that wetland is "adjacent":

#### B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY):

This section summarizes information regarding characteristics of the tributary and its adjacent wetlands, if any, and it helps determine whether or not the standards for jurisdiction established under Rapanos have been met.

The agencies will assert jurisdiction over non-navigable tributaries of TNWs where the tributaries are "relatively permanent waters" (RPWs), i.e. tributaries that typically flow year-round or have continuous flow at least seasonally (e.g., typically 3 months). A wetland that directly abuts an RPW is also jurisdictional. If the aquatic resource is not a TNW, but has year-round (perennial) flow, skip to Section III.D.2. If the aquatic resource is a wetland directly abutting a tributary with perennial flow, skip to Section III.D.4.

A wetland that is adjacent to but that does not directly abut an RPW requires a significant nexus evaluation. Corps districts and EPA regions will include in the record any available information that documents the existence of a significant nexus between a relatively permanent tributary that is not perennial (and its adjacent wetlands if any) and a traditional navigable water, even though a significant nexus finding is not required as a matter of law.

If the waterbody<sup>3</sup> is not an RPW, or a wetland directly abutting an RPW, a JD will require additional data to determine if the waterbody has a significant nexus with a TNW. If the tributary has adjacent wetlands, the significant nexus evaluation must consider the tributary in combination with all of its adjacent wetlands. This significant nexus evaluation that combines, for analytical purposes, the tributary and all of its adjacent wetlands is used whether the review area identified in the JD request is the tributary, or its adjacent wetlands, or both. If the JD covers a tributary with adjacent wetlands, complete Section III.B.1 for the tributary, Section III.B.2 for any onsite wetlands, and Section III.B.3 for all wetlands adjacent to that tributary, both onsite and offsite. The determination whether a significant nexus exists is determined in Section III.C below.

#### 1. Characteristics of non-TNWs that flow directly or indirectly into TNW

#### (i) General Area Conditions:

Watershed size: Pick List
Drainage area: Pick List
Average annual rainfall: inches
Average annual snowfall: inches

#### (ii) Physical Characteristics:

## (a) Relationship with TNW:

Tributary flows directly into TNW.

Tributary flows through Pick List tributaries before entering TNW.

Project waters are Pick List river miles from TNW.

Project waters are Pick List river miles from RPW.

Project waters are Pick List aerial (straight) miles from TNW.

Project waters are Pick List aerial (straight) miles from RPW.

Project waters cross or serve as state boundaries. Explain:

Identify flow route to TNW4:

Tributary stream order, if known:

(b) General Tributary Characteristics (check all that apply):

<sup>&</sup>lt;sup>3</sup> Note that the Instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.

<sup>&</sup>lt;sup>4</sup> Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.

	Tributary is: Natural Artificial (man-made). Explain: Manipulated (man-altered). Explain:
	Tributary properties with respect to top of bank (estimate):  Average width: feet  Average depth: feet  Average side slopes: Pick List.
	Primary tributary substrate composition (check all that apply):  Silts Sands Concrete Cobbles Gravel Muck Bedrock Vegetation. Type/% cover: Other. Explain:
	Tributary condition/stability [e.g., highly eroding, sloughing banks]. Explain: Presence of run/riffle/pool complexes. Explain: Tributary geometry: Pick List Tributary gradient (approximate average slope):
(c)	Flow: Tributary provides for: Pick List Estimate average number of flow events in review area/year: Pick List Describe flow regime: Other information on duration and volume:
	Surface flow is: Pick List. Characteristics: .
	Subsurface flow: Pick List. Explain findings:  Dye (or other) test performed:
	Tributary has (check all that apply):  Bed and banks  OHWM <sup>5</sup> (check all indicators that apply):  clear, natural line impressed on the bank changes in the character of soil shelving vegetation matted down, bent, or absent leaf litter disturbed or washed away sediment deposition water staining water staining other (list):  Discontinuous OHWM. <sup>6</sup> Explain:
	If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction (check all that apply):    High Tide Line indicated by:
Cha	emical Characteristics: aracterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).  Explain:  ntify specific pollutants, if known:

(iii)

<sup>&</sup>lt;sup>5</sup>A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHWM has been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody's flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break.

<sup>6</sup>Ibid.

			ogical Characteristics. Channel supports (check all that apply):  Riparian corridor. Characteristics (type, average width):  Wetland fringe. Characteristics:  Habitat for:  Federally Listed species. Explain findings:  Fish/spawn areas. Explain findings:  Other environmentally-sensitive species. Explain findings:  Aquatic/wildlife diversity. Explain findings:
2.	Cha	racte	eristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW
	(i)		sical Characteristics:  General Wetland Characteristics:  Properties:  Wetland size: acres  Wetland type. Explain:  Wetland quality. Explain:  Project wetlands cross or serve as state boundaries. Explain:
		(b)	General Flow Relationship with Non-TNW: Flow is: Pick List. Explain:
			Surface flow is: Pick List Characteristics:
			Subsurface flow: Pick List. Explain findings:  Dye (or other) test performed:
		(c)	Wetland Adjacency Determination with Non-TNW:  Directly abutting  Not directly abutting  Discrete wetland hydrologic connection. Explain:  Ecological connection. Explain:  Separated by berm/barrier. Explain:
		(d)	Proximity (Relationship) to TNW Project wetlands are Pick List river miles from TNW. Project waters are Pick List aerial (straight) miles from TNW. Flow is from: Pick List. Estimate approximate location of wetland as within the Pick List floodplain.
	(ii)	Cha	emical Characteristics:  aracterize wetland system (e.g., water color is clear, brown, oil film on surface; water quality; general watershed characteristics; etc.). Explain:  ntify specific pollutants, if known:
	(iii	i) Bio	Riparian buffer. Characteristics (type, average width):  Vegetation type/percent cover. Explain:  Habitat for:  Federally Listed species. Explain findings:  Fish/spawn areas. Explain findings:  Other environmentally-sensitive species. Explain findings:  Aquatic/wildlife diversity. Explain findings:
3.	Ch	Ali	teristics of all wetlands adjacent to the tributary (if any) wetland(s) being considered in the cumulative analysis: Pick List proximately ( ) acres in total are being considered in the cumulative analysis.

Directly abuts? (Y/N)

Size (in acres)

Directly abuts? (Y/N)

Size (in acres)

Summarize overall biological, chemical and physical functions being performed:

#### C. SIGNIFICANT NEXUS DETERMINATION

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not appropriate to determine significant nexus based solely on any specific threshold of distance (e.g. between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Draw connections between the features documented and the effects on the TNW, as identified in the Rapanos Guidance and discussed in the Instructional Guidebook. Factors to consider include, for example:

- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to carry pollutants or flood waters to TNWs, or to reduce the amount of pollutants or flood waters reaching a TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), provide habitat and lifecycle support functions for fish and
  other species, such as feeding, nesting, spawning, or rearing young for species that are present in the TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to transfer nutrients and organic carbon that support downstream foodwebs?
- Does the tributary, in combination with its adjacent wetlands (if any), have other relationships to the physical, chemical, or biological integrity of the TNW?

Note: the above list of considerations is not inclusive and other functions observed or known to occur should be documented below:

- 1. Significant nexus findings for non-RPW that has no adjacent wetlands and flows directly or indirectly into TNWs. Explain findings of presence or absence of significant nexus below, based on the tributary itself, then go to Section III.D:
- 2. Significant nexus findings for non-RPW and its adjacent wetlands, where the non-RPW flows directly or indirectly into TNWs. Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D:
- 3. Significant nexus findings for wetlands adjacent to an RPW but that do not directly abut the RPW. Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D:

## D. DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE (CHECK ALL THAT APPLY):

TNWs and Adjacent W	etlands. Check all that apply	y and provide size estimates i	in review area: The size of	f the project site area open waters
is more than 20 acres. Th	he project impact area is indic	cated below.		

пс	man 20 acres. The project impact area is nichested octow.
1.	<ul><li>☑ TNWs: linear feet width (ft), Or, 0.65 acres.</li><li>☑ Wetlands adjacent to TNWs: acres.</li></ul>
2.	RPWs that flow directly or indirectly into TNWs.  Tributaries of TNWs where tributaries typically flow year-round are jurisdictional. Provide data and rationale indicating that tributary is perennial:
	Tributaries of TNW where tributaries have continuous flow "seasonally" (e.g., typically three months each year) are jurisdictional. Data supporting this conclusion is provided at Section III.B. Provide rationale indicating that tributary flows seasonally:
	Provide estimates for jurisdictional waters in the review area (check all that apply):  Tributary waters: linear feet width (ft).

	Other non-wetland waters: acres. Identify type(s) of waters:
3.	Non-RPWs <sup>7</sup> that flow directly or indirectly into TNWs.  Waterbody that is not a TNW or an RPW, but flows directly or indirectly into a TNW, and it has a significant nexus with a TNW is jurisdictional. Data supporting this conclusion is provided at Section III.C.
	Provide estimates for jurisdictional waters within the review area (check all that apply):  Tributary waters: linear feet width (it).  Other non-wetland waters: acres.  Identify type(s) of waters: .
4.	Wetlands directly abutting an RPW that flow directly or indirectly into TNWs.  Wetlands directly abut RPW and thus are jurisdictional as adjacent wetlands.  Wetlands directly abutting an RPW where tributaries typically flow year-round. Provide data and rationale indicating that tributary is perennial in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW:
	Wetlands directly abutting an RPW where tributaries typically flow "seasonally." Provide data indicating that tributary is seasonal in Section III.B and rationale in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW:
	Provide acreage estimates for jurisdictional wetlands in the review area: acres.
5.	Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs.  Wetlands that do not directly abut an RPW, but when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisidictional. Data supporting this conclusion is provided at Section III.C.
	Provide acreage estimates for jurisdictional wetlands in the review area: acres.
6.	Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs.  Wetlands adjacent to such waters, and have when considered in combination with the tributary to which they are adjacent with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.
	Provide estimates for jurisdictional wetlands in the review area: acres.
7.	As a general rule, the impoundment of a jurisdictional tributary remains jurisdictional.  Demonstrate that impoundment was created from "waters of the U.S.," or  Demonstrate that water meets the criteria for one of the categories presented above (1-6), or  Demonstrate that water is isolated with a nexus to commerce (see E below).
DE	CLATED [INTERSTATE OR INTRA-STATE] WATERS, INCLUDING ISOLATED WETLANDS, THE USE, EGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY ICH WATERS (CHECK ALL THAT APPLY):  which are or could be used by interstate or foreign travelers for recreational or other purposes. from which fish or shellfish are or could be taken and sold in interstate or foreign commerce. which are or could be used for industrial purposes by industries in interstate commerce. Interstate isolated waters. Explain:  Other factors. Explain:
Ide	entify water body and summarize rationale supporting determination:
	·

E.

<sup>&</sup>lt;sup>7</sup>See Footnote # 3.

<sup>8</sup> To complete the analysis refer to the key in Section III.D.6 of the Instructional Guidebook.

<sup>9</sup> Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA Memorandum Regarding CWA Act Jurisdiction Following Rapanos.

	vide estimates for jurisdictional waters in the review area (check all that apply): Tributary waters: linear feet width (ft). Other non-wefland waters: acres. Identify type(s) of waters: . Wetlands: acres.
F.	N-JURISDICTIONAL WATERS, INCLUDING WETEANDS (CHECK ALL THAT APPLY):  If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements.  Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce.  Prior to the Jan 2001 Supreme Court decision in "SWANCC," the review area would have been regulated based solely on the "Migratory Bird Rule" (MBR).  Waters do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction. Explain:  Other: (explain, if not covered above):
	vide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the MBR ors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional gment (check all that apply):  Non-wetland waters (i.e., rivers, streams): linear feet width (ft).  Lakes/ponds: acres.  Other non-wetland waters: acres. List type of aquatic resource:  Wetlands: acres.
	vide acreage estimates for non-jurisdictional waters in the review area that do not meet the "Significant Nexus" standard, where such adding is required for jurisdiction (check all that apply):  Non-wetland waters (i.e., rivers, streams): linear feet, width (ft).  Lakes/ponds: acres.  Other non-wetland waters: acres. List type of aquatic resource: .  Wetlands: acres.
<b>A</b> .	PORTING DATA. Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked requested, appropriately reference sources below):  Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: Anacostia Waterfront Corporation/Office of the Mayor for Planning and Economic Development, application dated 15 June 2007 request and application dated 5 June 2008.  Data sheets prepared/submitted by or on behalf of the applicant/consultant.  Office concurs with data sheets/delineation report.
	Office does not concur with data sheets/delineation report.  Data sheets prepared by the Corps:  Corps navigable waters' study:  U.S. Geological Survey Hydrologic Atlas:  USGS NHD data.  USGS 8 and 12 digit HUC maps.  U.S. Geological Survey map(s). Cite scale & quad name:
	USDA Natural Resources Conservation Service Soil Survey. Citation: National wetlands inventory map(s). Cite name: State/Local wetland inventory map(s): FEMA/FIRM maps: Panel number 100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929) Photographs: Aerial (Name & Date): or Other (Name & Date):
	Previous determination(s). File no. and date of response letter:  Applicable/supporting case law:  Applicable/supporting scientific literature:  Other information (please specify): Site visit 24 January 2008

## B. ADDITIONAL COMMENTS TO SUPPORT JD:



#### **DEPARTMENT OF THE ARMY**

#### BALTIMORE DISTRICT, U.S. ARMY CORPS OF ENGINEERS P.O. BOX 1715 BALTIMORE, MD 21203-1715

SUBJECT: 2007-02478-M05

Name of Permittee: DIAMOND TEAGUE PARK

Date of Issuance:

JUN 2 7 2008

Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the following address:

US Army Corps of Engineers
Baltimore District
CENAB-OP-R
P.O. Box 1715
Baltimore, Maryland 21203-1715

Please note that your permitted activity is subject to compliance inspection by a U.S. Army Corps of Engineers representative. If you fail to comply with this permit, you are subject to permit suspension, modification, or revocation.

## Please complete the following information:

1. Date authorized work commenced:	2. Date authorized work completed:
3. Was all work and any required mitigation general and/or specific conditions? YES	on, completed in accordance with your permit authorization, including all SNO
4. Explain in detail any deviations to the a	authorized work and/or mitigation (use additional sheets if necessary)
5. Wetland Mitigation: Required? YES	NO Required Completion Date
Completed? YESNO	Mitigation Monitoring Reports Required? YESNO
6. Attach labeled photographs showing co	ompleted work including mitigation area(s).
	ditions of the said permit, and required mitigation was permit conditions.
Signature of Permittee	Date

# NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST, FOR APPEAL (NAO/NAP fact sheet & RFA form) Applicant: DIAMOND TEAGUE PARK Attached is: See Section below:

	1110114111001:2007 02470-14103	Date Hilly & / /Ulin
Attached is:		See Section below
INITIAL PROFFERED PERMIT (Standard	Permit or Letter of permission)	A
PROFFERED PERMIT (Standard Permit of	Letter of permission)	В
PERMIT DENIAL	-	С
APPROVED JURISDICTIONAL DETERM	MINATION	D
PRELIMINARY JURISDICTIONAL DET	ERMINATION	E

SECTION 1 - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at http://usace.army.mil/inet/functions/cw/cecwo/reg or Corps regulations at 33 CFR Part 331.

- A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.
- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the Baltimore District Engineer
  for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized.
  Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all
  rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations (JD) associated with
  the permit.
- OBJECT: If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the Baltimore District Engineer. Your objections must be received by the Baltimore District Engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the Baltimore District Engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the Baltimore District Engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

## B: PROFFERED PERMIT: You may accept or appeal the permit

- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the Baltimore District Engineer
  for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized.
  Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all
  rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the
  permit.
- APPEAL: If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the North Atlantic Division Engineer, ATTN: CENAD-PD-PSD-O, Fort Hamilton Military Community, Building 301, General Lee Avenue, Brooklyn, NY 11252-6700. This form must be received by the North Atlantic Division Engineer within 60 days of the date of this notice with a copy furnished to the Baltimore District Engineer.
- C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the North Atlantic Division Engineer, ATTN: CENAD-PD-PSD-O, Fort Hamilton Military Community, Building 301, General Lee Avenue, Brooklyn, NY 11252-6700. This form must be received by the North Atlantic Division Engineer within 60 days of the date of this notice with a copy furnished to the Baltimore District Engineer.
- D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.
- ACCEPT: You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- APPEAL: If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the North Atlantic Division Engineer, ATTN: CENAD-PD-PSD-O, Fort Hamilton Military Community, Building 301, General Lee Avenue, Brooklyn, NY 11252-6700. This form must be received by the North Atlantic Division Engineer within 60 days of the date of this notice with a copy furnished to the Baltimore District Engineer.

E: PRELIMINARY JURISDICTIONAL DETERMINATION preliminary JD. The Preliminary JD is not appealable. If ye appealed), by contacting the Corps district for further instructions on sideration by the Corps to reevaluate the JD.	ou wish, you may request an ap	proved JD (which may be	
SECTION II - REQUEST FOR APPEAL or OBJECTI	ONC TO MAINITHAL DDO	EEEDED DEDMITE	
REASONS FOR APPEAL OR OBJECTIONS: (Describinitial proffered permit in clear concise statements. You may attacor objections are addressed in the administrative record.)	pe your reasons for appealing the d	ecision or your objections to an	
ADDITIONAL INFORMATION, The annual is like the state of t			
ADDITIONAL INFORMATION: The appeal is limited to a revier record of the appeal conference or meeting, and any supplemental	information that the review office	r has determined is needed to	
clarify the administrative record. Neither the appellant nor the Co you may provide additional information to clarify the location of i	rps may add new information or an	nalyses to the record. However,	
POINT OF CONTACT FOR QUESTIONS OR INFOR		inimistrative record.	
If you have questions regarding this decision and/or the appeal	If you only have questions regard	ling the appeal process you may	
process you may contact:	also contact: Mr. Michael G. Vissichelli		
Ms. Sandy Zelen U.S. Army Corps of Engineers, Baltimore District	Administrative Appeals Review		
ATTN: CENAB-OP-R	North Atlantic Division, Corps of General Lee Avenue, Military C		
Regulatory Branch, Baltimore District Baltimore, MD 21203-1715	Brooklyn, NY 11252-6700 Telephone: (718) 765-7163		
(410) 962-6028 or 3670	Email: Michael.G.Vissichelli2@	asace.army.mil	
RIGHT OF ENTRY: Your signature below grants the right of ent	ry to Corps of Engineers personne	, and any government	
consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.			
,	Date:	Telephone number:	
Cianata a Canada		•	
Signature of appellant or agent.			

## **VICINITY MAP**

N.T.S.

## SUMMARY OF PROPOSED CONSTRUCTION;

- 1. EX. FIXED PIER-DEMOLITION = 735 SF
- 2. EX. FLOATING PIER DEMOLITION = 1,020 SF
- 3. PROPOSED FIXED PIER = 11,900 SF
- 4. PROPOSED FLOATING PIER = 12,000 SF
- 5. PROPOSED GANGWAY RAMPS = 4,600 SF

NOTES: DATUM - D.C. PUBLIC WORKS

MHW EL. (+)1.65 FT MLW EL. (-)1.14 FT

## ADJACENT PROPERTIES:

- 1. FLORIDA ROCK PROPERTIES
- 2. DISTRICT OF COLUMBIA
- 3. ANACOSTIA WATERFRONT CORPORATION
- 4. UNITED STATES OF AMERICA AND DISTRICT OF COLUMBIA

MOFFATT ANICHOL

# DIAMOND TEAGUE PARK AND FIRST STREET LANDING

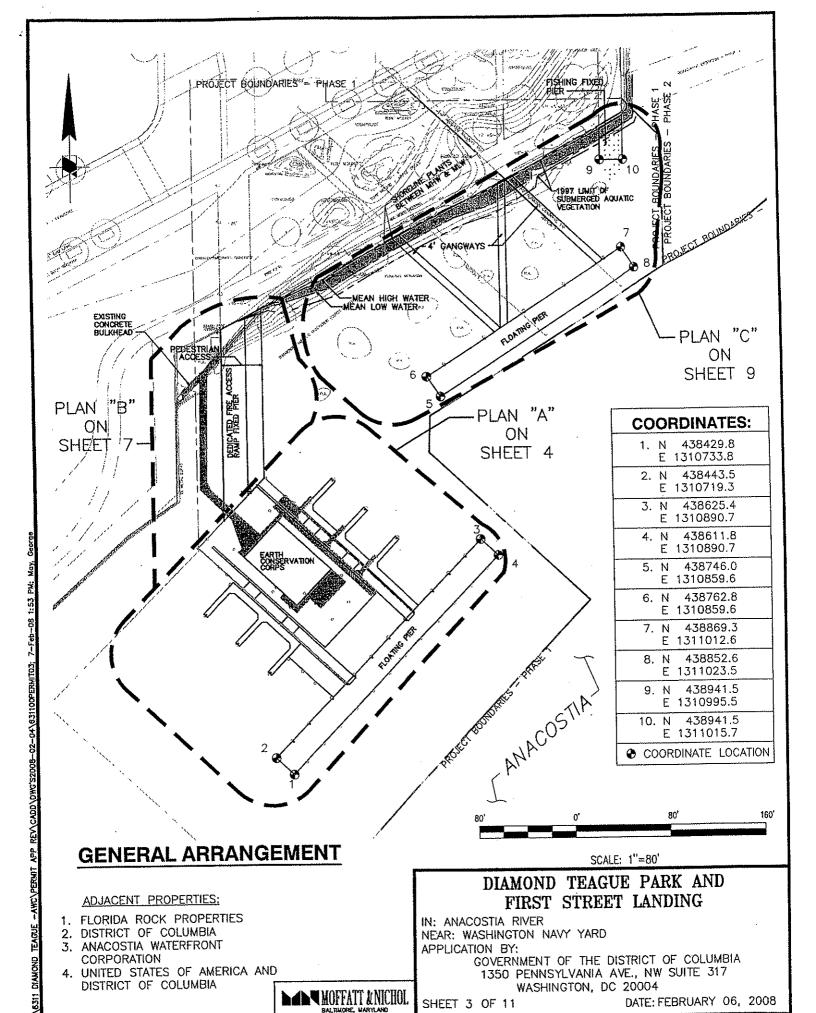
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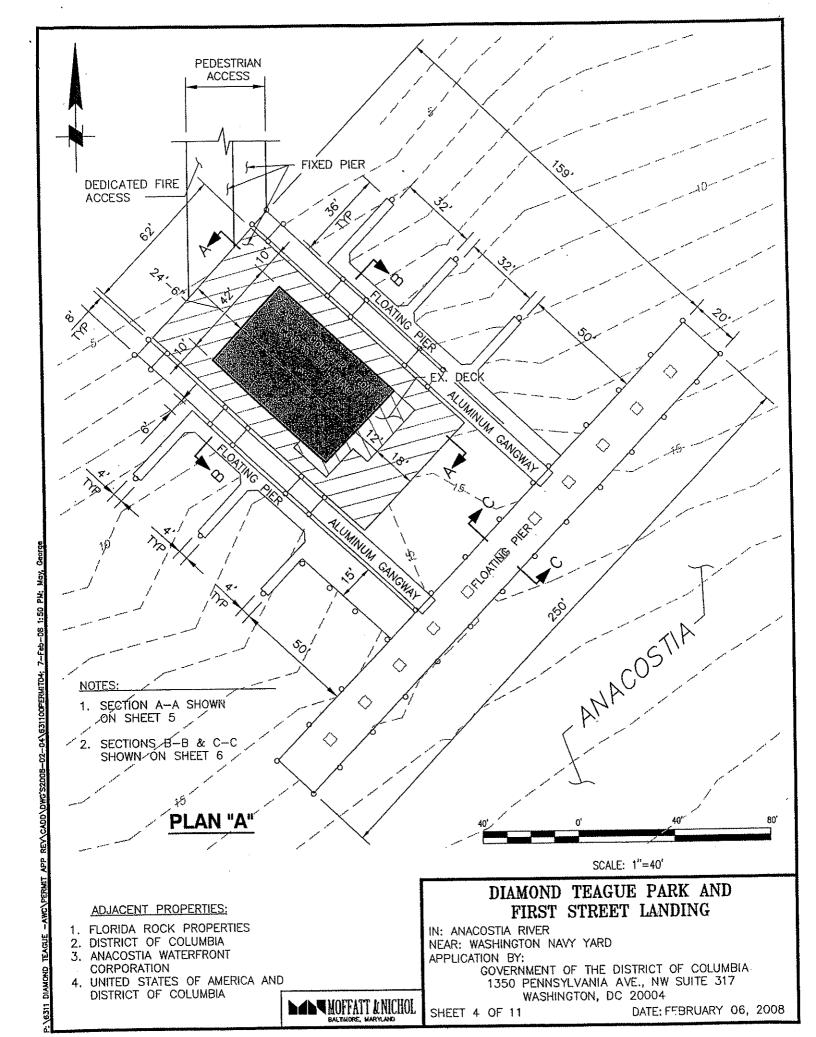
NEAR: WASHINGTON NAVY YARD

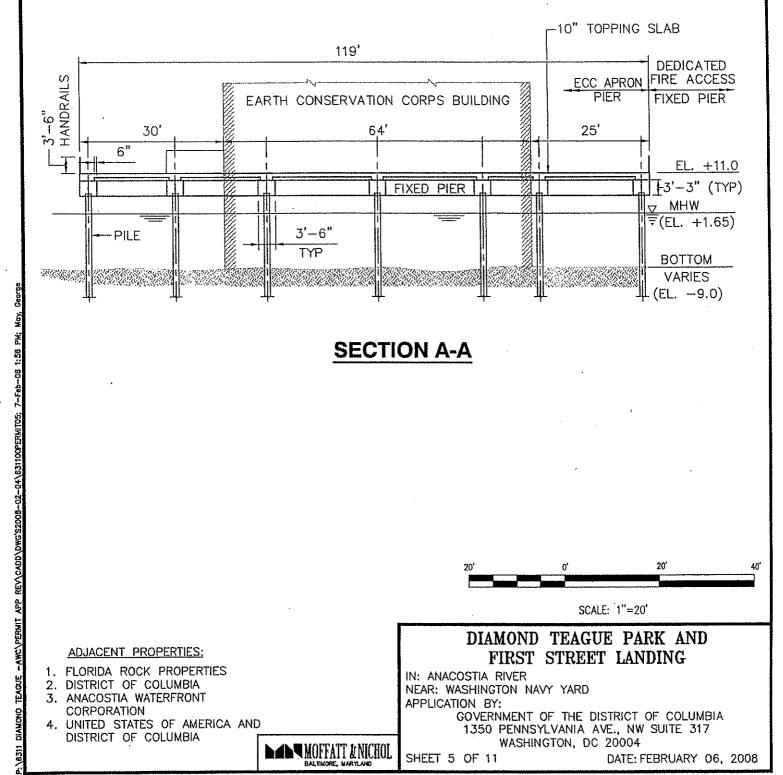
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA 1350 PENNSYLVANIA AVE., NW SUITE 317 WASHINGTON, DC 20004

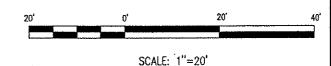
SHEET 1 OF 11







## **SECTION A-A**



## ADJACENT PROPERTIES:

- 1. FLORIDA ROCK PROPERTIES
- 2. DISTRICT OF COLUMBIA
- 3. ANACOSTIA WATERFRONT CORPORATION
- 4. UNITED STATES OF AMERICA AND DISTRICT OF COLUMBIA



## DIAMOND TEAGUE PARK AND FIRST STREET LANDING

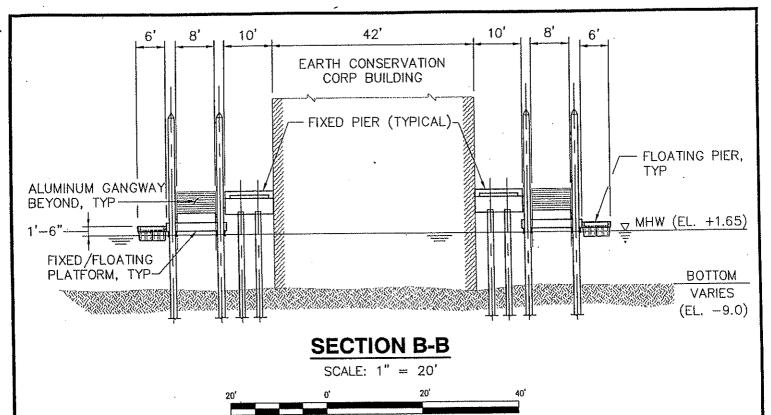
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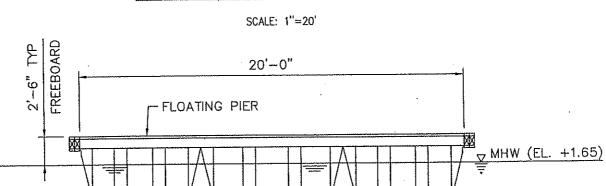
NEAR: WASHINGTON NAVY YARD

APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA 1350 PENNSYLVANIA AVE., NW SUITE 317 WASHINGTON, DC 20004

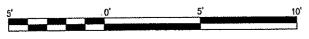
SHEET 5 OF 11







# $\frac{\text{SECTION C-C}}{\text{SCALE: } 1" = 5'}$



SCALE: 1"=5"

#### ADJACENT PROPERTIES:

- 1. FLORIDA ROCK PROPERTIES
- 2. DISTRICT OF COLUMBIA
- 3. ANACOSTIA WATERFRONT
- 4. UNITED STATES OF AMERICA AND DISTRICT OF COLUMBIA

## DIAMOND TEAGUE PARK AND FIRST STREET LANDING

IN: ANACOSTIA RIVER

NEAR: WASHINGTON NAVY YARD

APPLICATION BY:

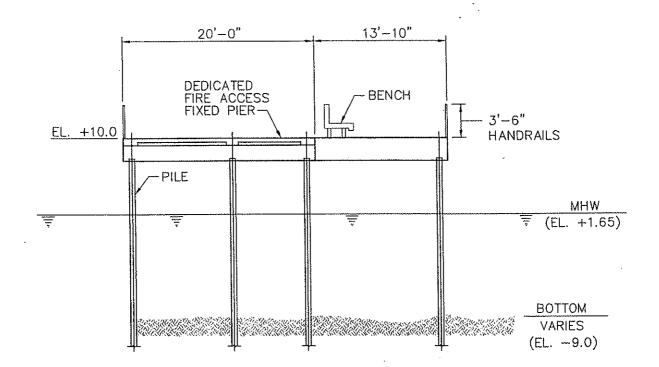
GOVERNMENT OF THE DISTRICT OF COLUMBIA 1350 PENNSYLVANIA AVE., NW SUITE 317 WASHINGTON, DC 20004

SHEET 6 OF 11

DATE: FEBRUARY 06, 2008

CORPORATION

MOFFATT L'NICHOL



## SECTION D-D

SCALE: 1" = 10'

## ADJACENT PROPERTIES:

- 1. FLORIDA ROCK PROPERTIES
- 2. DISTRICT OF COLUMBIA
- ANACOSTIA WATERFRONT CORPORATION
- 4. UNITED STATES OF AMERICA AND DISTRICT OF COLUMBIA





SCALE: 1"=10'

# DIAMOND TEAGUE PARK AND FIRST STREET LANDING

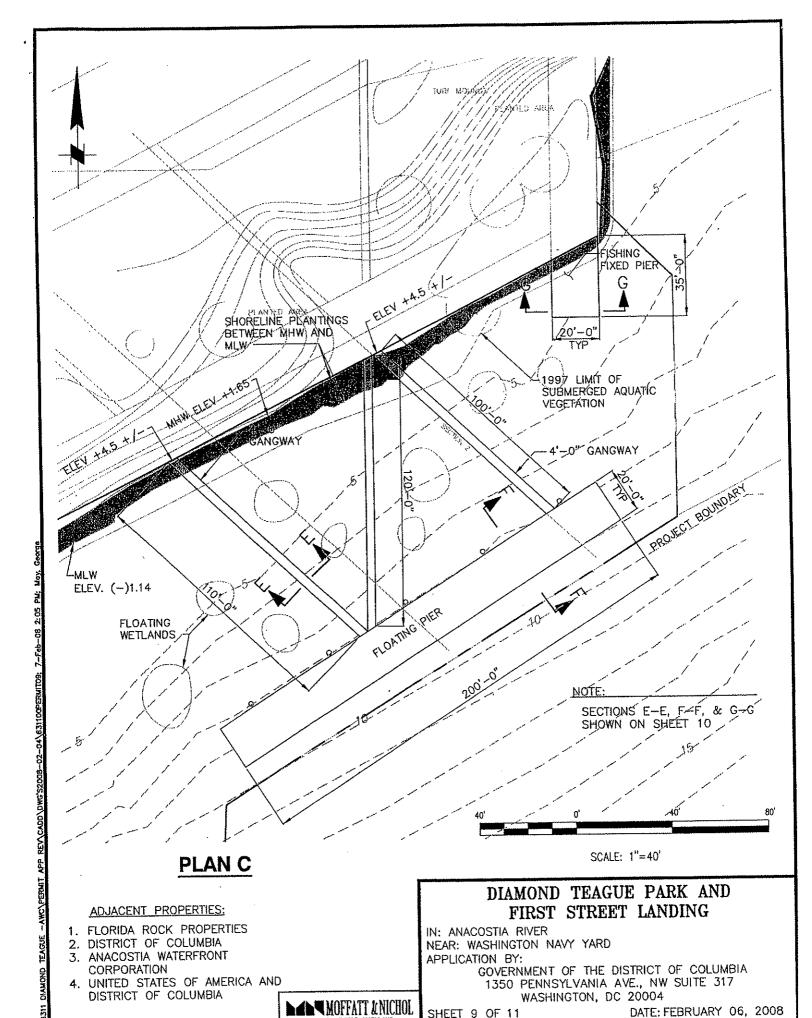
IN: ANACOSTIA RIVER

NEAR: WASHINGTON NAVY YARD

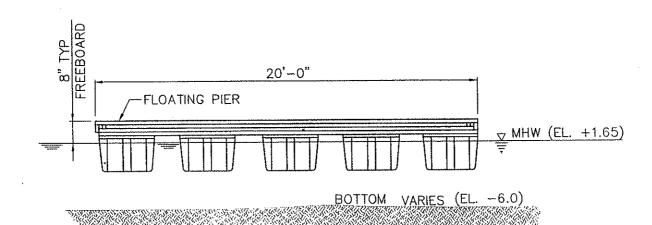
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA 1350 PENNSYLVANIA AVE., NW SUITE 317 WASHINGTON, DC 20004

SHEET 8 OF 11



SHEET 9 OF 11

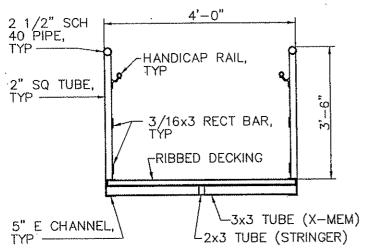


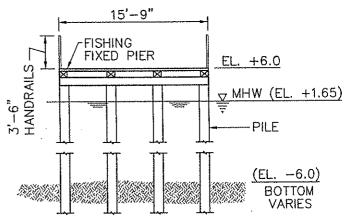
## **SECTION F-F**

SCALE: 1" = 5'



SCALE: 1"=5"





## **SECTION E-E**

SCALE: 1/2" = 1'



SCALE: 1/2"=1'-0"

## **SECTION G-G**

SCALE: 1" = 10



SCALE: 1"=10"

## ADJACENT PROPERTIES:

- 1. FLORIDA ROCK PROPERTIES
- 2. DISTRICT OF COLUMBIA
- 3. ANACOSTIA WATERFRONT CORPORATION
- 4. UNITED STATES OF AMERICA AND DISTRICT OF COLUMBIA

MOFFATT & NICHOL

# DIAMOND TEAGUE PARK AND FIRST STREET LANDING

IN: ANACOSTIA RIVER

NEAR: WASHINGTON NAVY YARD

APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA 1350 PENNSYLVANIA AVE., NW SUITE 317 WASHINGTON, DC 20004

SHEET 10 OF 11

## **PLANTINGS**

1. SHORELINE PLANTINGS, ZONE BETWEEN MEAN HIGH WATER (1.65') AND MEAN LOW WATER (-1.14) LEVEL.

WETLAND CARPET SYSTEM WILL BE ADOPTED FOR SHORELINE PLANTING. THE CARPET WILL BE PREPLANTED AND ROOTED OUT. IT WILL BE SHIPPED FOR INSTALLATION AND BE SECURED IN PLACE BY WOOD SPIKES. THE GROW-OUT TIME IS 2-3 MONTHS. PLANTS ARE SELECTED FOR THEIR FOLIAGE, TEXTURE AND/OR FLOWER. THE PLANTS INCLUDE:

> ACORUS CALAMUS, SWEET FLAG CAREX VULPINOIDEA, FOX SEDGE HIBISCUS MOSCHUETOS, SWAMP HIBISCUS IRIS VERSICOLOR, BLUE FLAG IRIS JUNCUS EFFUSUS, SOFT RUSH KOSTELTZKYA VIRGINICA, SEASHORE MALLOW MENYANTHES TRIFOLIA, BOG BEAN PELTANDRA VIRGINICA, ARROW ARUM PONTEDERIA CORDATA, PICKEREL RUSH SAGITTARIA LATIFOLIA, ARROWHEAD THALIA DEALBATA, WATER CANNA

2. FLOATING WETLAND PLANTINGS, OVAL/DISCOID SHAPED FLOATING ISLANDS WITH SIZES FROM 150sf TO 400sf.

THE PLANTING MEDIUM IS COMPOSED OF 1 PART OF CALCINED CLAY AND 2 PARTS OF POTTING SOIL. THIS PLANTING MEDIUM CAN PROVIDE IDEAL WETLAND PLANT GROWING ENVIRONMENT AND ATTRACT/HOLD NUTRIENTS FROM WATER. THERE ARE TWO TYPES OF FLOATING WETLAND PLANTS, SPRAWLING AND UPRIGHT. THEY WILL BE USED FOR DIFFERENT ZONES OF THE ISLANDS. SPRAWLING PLANTS WILL BE PLANTED TOWARD THE PERIPHERY OF THE ISLANDS AND UPRIGHT ONES IN THE CENTER.

> THE SPRAWLING PLANTS INCLUDE: BACOPA 'MONNIERI', MONEYWORT BACOPA JUSTICIA AMERICANA, WATER WILLOW PHYLA LANNCEOLATA, FROG FRUIT

THE UPRIGHT PLANTS INCLUDE: ACORUS AMERICANA, SWEET FLAG ASCLEPIAS INCARNATE, SWAMP MILKWEED CAREX NIGRA, FOX SEDGE HIBISCUS MOSCHUETOS, SWAMP HIBISCUS IRIS VERSICOLOR, BLUE FLAG IRIS PONTEDERIA CORDATA, PICKEREL RUSH SAGITTARIA LANCIFOLIA, LANCE-LEAVED ARROWHEAD SAURURUS CERNUUS, LIZARD'S TAIL

## ADJACENT PROPERTIES:

- 1. FLORIDA ROCK PROPERTIES
- 2. DISTRICT OF COLUMBIA
- 3. ANACOSTIA WATERFRONT CORPORATION
- 4. UNITED STATES OF AMERICA AND DISTRICT OF COLUMBIA



## DIAMOND TEAGUE PARK AND FIRST STREET LANDING

IN: ANACOSTIA RIVER NEAR: WASHINGTON NAVY YARD APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA 1350 PENNSYLVANIA AVE., NW SUITE 317 WASHINGTON, DC 20004